

CLAIMS

1. Power operated door opening and closing system (10) of the type adapted to be mounted to a ceiling, comprising:
 - a) an electric drive motor,
 - 5 b) an electric motor control unit,
 - c) an electric push-button switch (40) to control motor operation,
 - d) a string (30) or similar contrivance,
 - e) a mechanism (42, 44; 42, 64; 42, 74) adapted to convert the pulling of the string (30) into a pressure upon the push-button switch (40).
- 10 2. Power operated door opening and closing system (10) of the type adapted to be mounted to a ceiling, comprising:
 - a) an electric drive motor,
 - b) an electric motor control unit,
 - f) an electric pull-type control switch (40) to control motor operation,
 - 15 c) a string (30) or similar contrivance,
 - d) a mechanism adapted to convert the pulling of the string into a pulling action of the pull-type control switch.
3. System (10) according to claim 1 or 2, wherein said string (30) is provided with a certain elasticity.
- 20 4. System (10) according to claim 1 or 2 or 3, wherein at least an elastic member is provided along said string (30).
5. System (10) according to any of the preceding claims, wherein said mechanism defines a displacement of said string (30).
- 25 6. System (10) according to claim 5, wherein said displacement includes a resting position of the string (30) corresponding to one of the ends of the displacement path.
7. System (10) according to claim 6, wherein said mechanism includes a device adapted to cause the string to slide back into the resting position thereof when the same string is not actuated.
- 30 8. System (10) according to any of the preceding claims, wherein there is provided a string path inverting loop for mounting to the system's casing (20), a wall or a ceiling.
9. System (10) according to any of the preceding claims, in which said mechanism includes a direct actuation member (AD) adapted to be actuated directly by a user so as to cause a pressure to be applied on to the push-button switch (P) or a pulling force to be applied to the pull-type control switch.

10. System (10) according to claim 9, wherein said mechanism includes an indirect actuation member (AI) connected to the string (C) and a transmission member (T) adapted to receive a displacement motion by both said direct actuation member (AD) and said indirect actuation member (AI) and pass on this displacement to the push-button or pull-type switch (P).
- 5 11. System according to any of the preceding claims 1 to 8, comprising a further electric push-button switch connected in parallel to said push-button or pull-type switch and located on the system's casing.

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